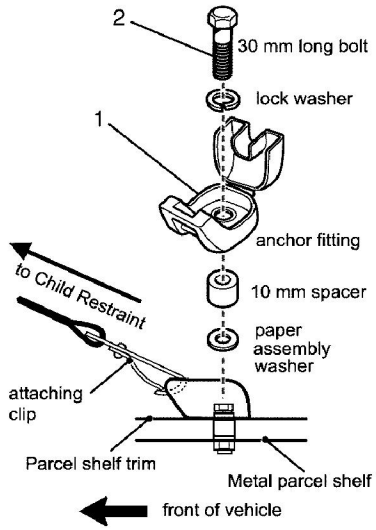
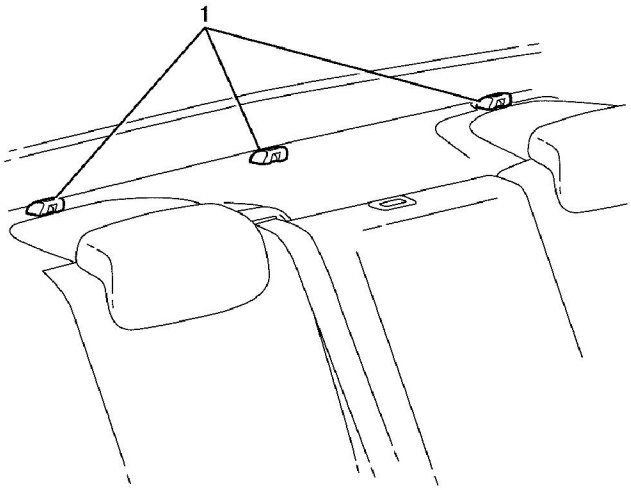
Child Restraint Tether Anchor Replacement

Removal Procedure

Note: DO NOT attempt to repair or alter the child seat anchor assembly. If the child seat anchor assembly is damaged, replace the entire assembly. Altering the child seat anchor assembly could result in personal injury.



1. Using a suitable tool open the child seat anchor assembly cap (1). Remove the child seat anchor assembly to body retaining bolt (2) from the child seat anchor assembly that is being serviced.



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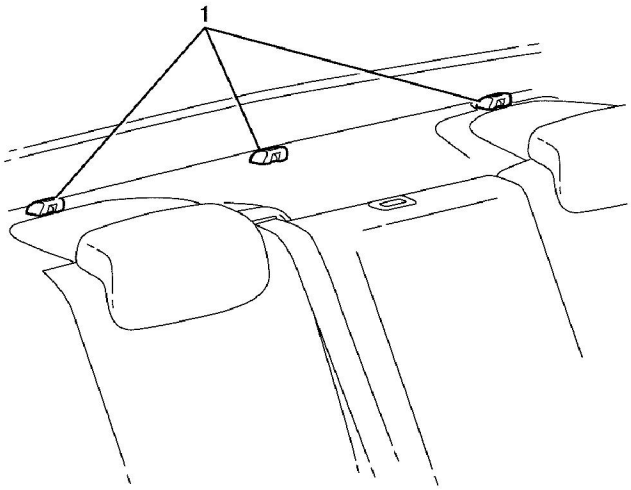
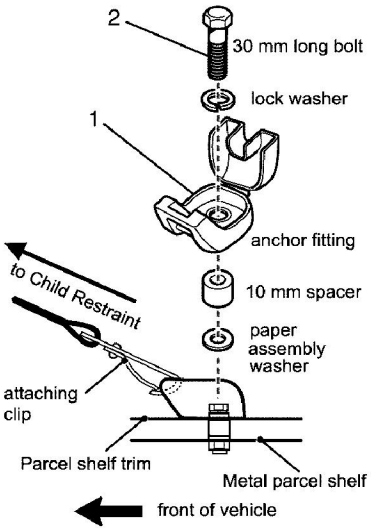
2. Remove the child seat anchor assembly (1) that is being serviced from the rear window shelf.

Installation Procedure



1. Install the child seat anchor assembly to the rear window shelf.

Caution: Refer to Component Fastener Tightening Caution in the Preface section.



Note: Ensure child restraint assembly is installed as per illustration, failure to adhere to this installation will result in incorrect operation of the child restraint assembly.

Note: Ensure that the anchor fitting is parallel to the vehicle centerline.

2. Install the child seat anchor assembly to body retaining bolt (2) and tighten to **20 N·m (22 lb ft)**.
3. Close the child seat anchor assembly cap (1).

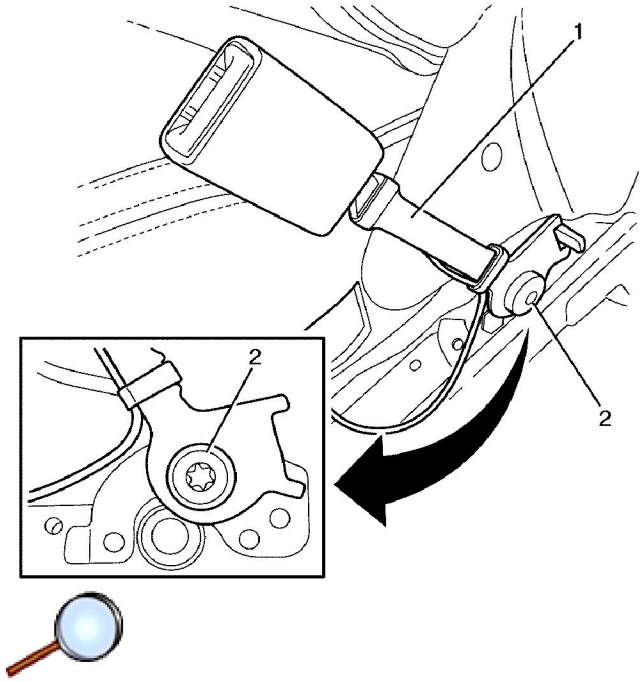
Driver or Passenger Seat Belt Buckle Replacement

Removal Procedure

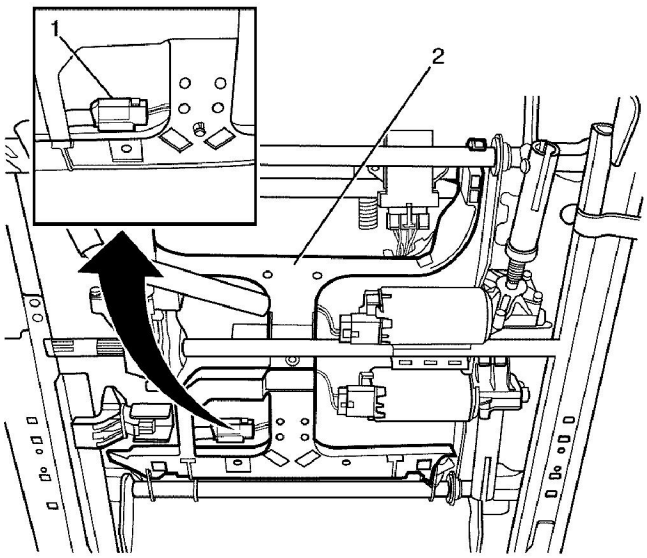
Warning: Refer to SIR Warning in the Preface section.

Warning: Refer to SIR Inflator Module Handling and Storage Warning in the Preface section.

1. Disable the SIR system. Refer to SIR Disabling and Enabling.
2. Remove the front seat. Refer to Front Seat Replacement - Bucket.
3. Place the seat on a clean and suitable work surface.



4. Remove the seat belt buckle (1) to seat adjuster retaining TORX bolt (2).



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5. Detach the cable tray (2) from the seat adjuster.

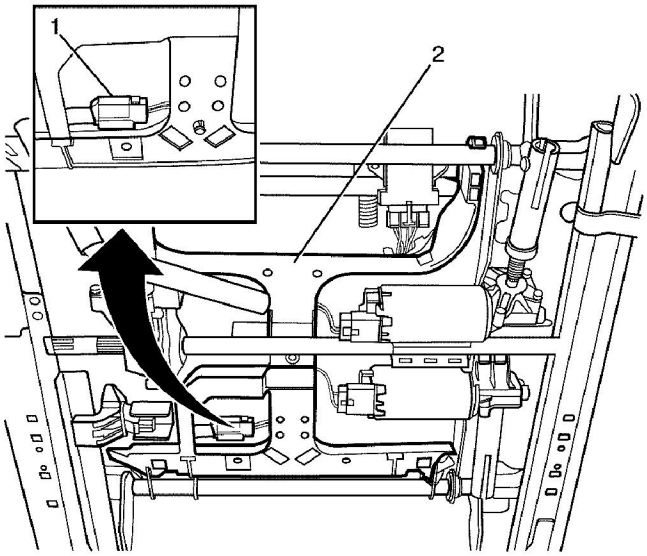
Note: Remove the electrical tape from around the seat belt buckle electrical connector.

6. Detach the seat belt buckle electrical connector from the cable tray (2).

Note: Note the wiring harness and connector routing during the removal, in order to route the wiring correctly during assembly.

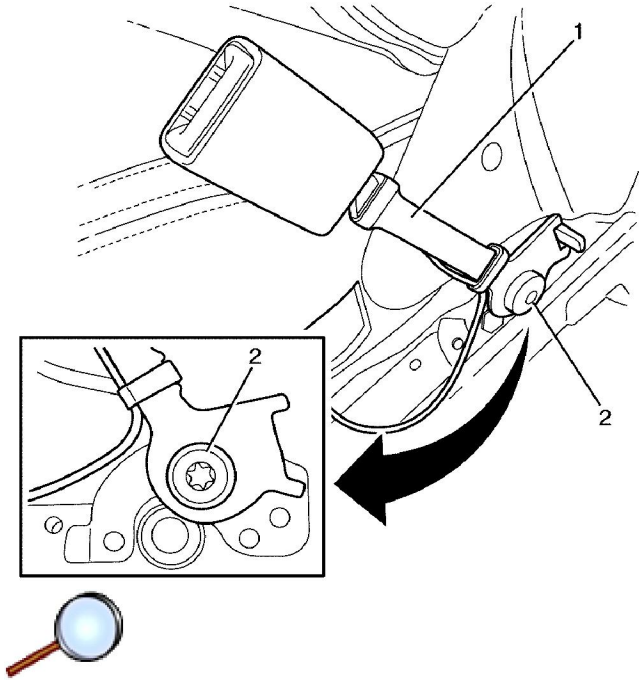
7. Disconnect the seat belt buckle electrical connector.
8. Remove the seat belt buckle from the seat adjuster.

Installation Procedure



Note: Make sure the seat belt buckle wiring harness is attached and routed as per removal.

1. Connect the seat belt buckle electrical connector (1).
2. Attach the seat belt buckle electrical connector to the cable tray (2).
3. Attach the cable tray (2) to the seat adjuster. Listen for an audible click to confirm fitting.



4. Install the seat belt buckle (1) to the seat adjuster.

   Caution: Refer to Fastener Caution in the Preface section.

5. Install the seat belt buckle to seat adjuster retaining TORX bolt (2) and tighten to **42 N·m (31 lb ft)**.
6. Install the front seat. Refer to Front Seat Replacement - Bucket.
7. Enable the SIR system. Refer to SIR Disabling and Enabling.

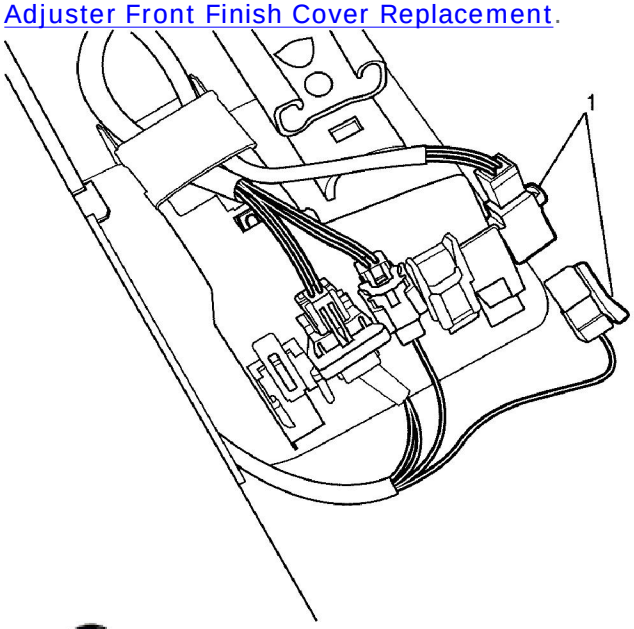
Driver or Passenger Seat Belt Tensioner Replacement

Removal Procedure

Warning: Refer to SIR Warning in the Preface section.

Warning: Refer to SIR Inflator Module Handling and Storage Warning in the Preface section.

1. Disable the SIR system. Refer to SIR Disabling and Enabling.
2. Remove the seat belt tensioner trim cover. Refer to Front Seat Belt Front Trim Cover Replacement.
3. Remove the front seat outer rear track cover. Refer to Driver or Passenger Seat Outer Adjuster Rear Finish Cover Replacement.
4. Remove the front seat outer front track cover. Refer to Driver or Passenger Seat Outer Adjuster Front Finish Cover Replacement.



5. Disconnect the seat belt tensioner electrical connector (1).

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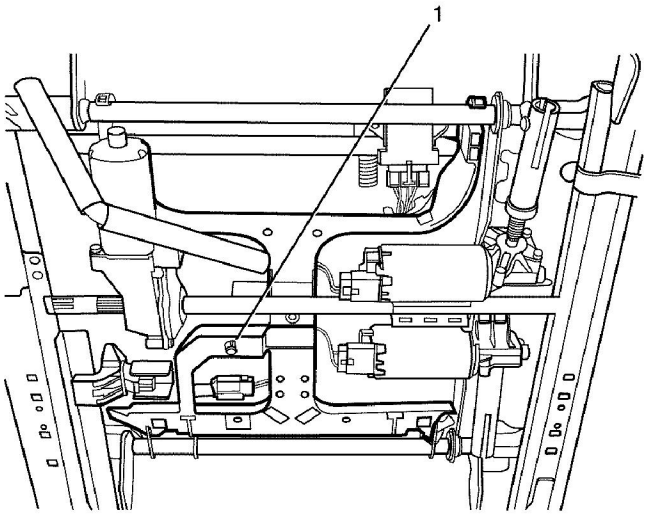
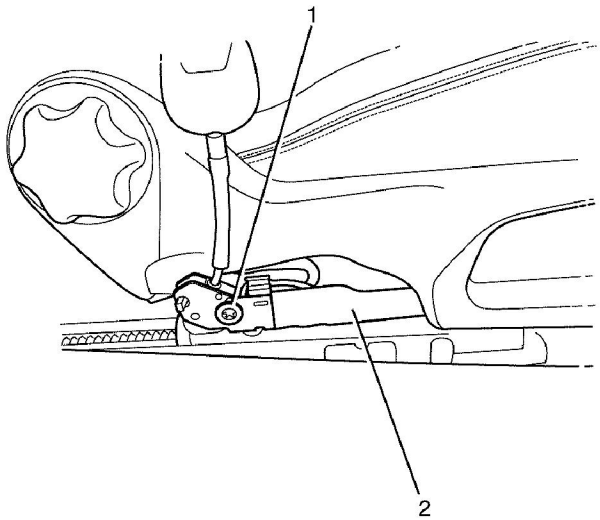


Note: Note the wiring and connector routing during the removal, in order to route the wiring correctly during assembly.

6. Depress the harness retaining tab (1) and detach the seat belt tensioner harness from the seat cable tray mounted to the seat adjuster.



7. Remove the seat belt tensioner to seat adjuster retaining torx bolt (1).
8. Remove the seat belt tensioner (2) from the seat adjuster.

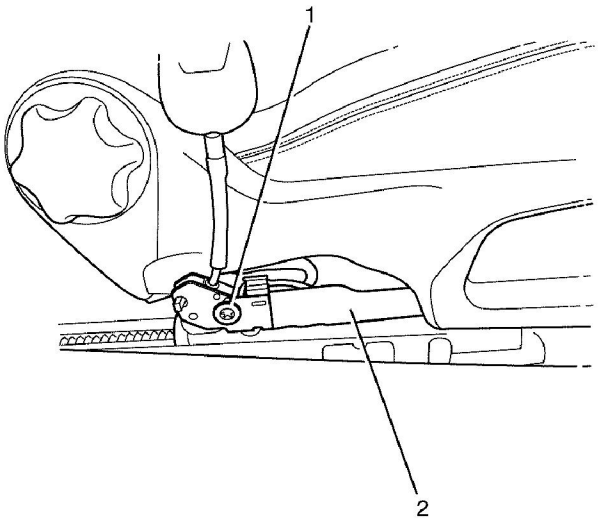
Note: The front seat belt assembly and seat belt tensioner are serviced as a complete assembly.

9. Remove the front seat belt assembly. Refer to Front Seat Belt Replacement.

Installation Procedure

Note: The front seat belt assembly and seat belt tensioner are serviced as a complete assembly.

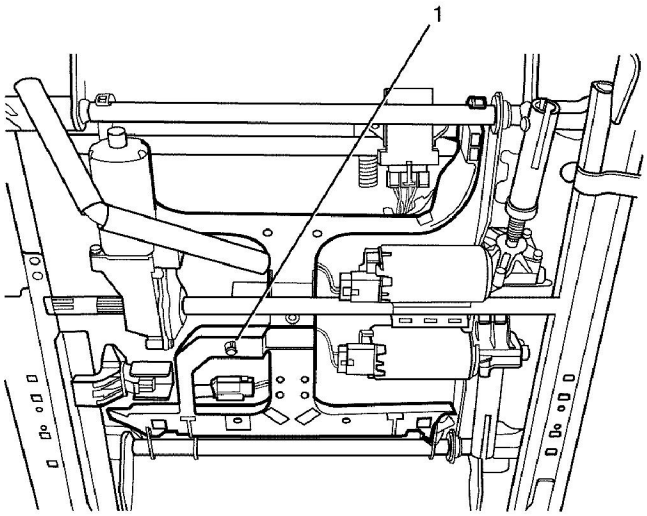
1. Install the front seat belt assembly. Refer to Front Seat Belt Replacement.



2. Install the seat belt tensioner (2) to the seat adjuster.

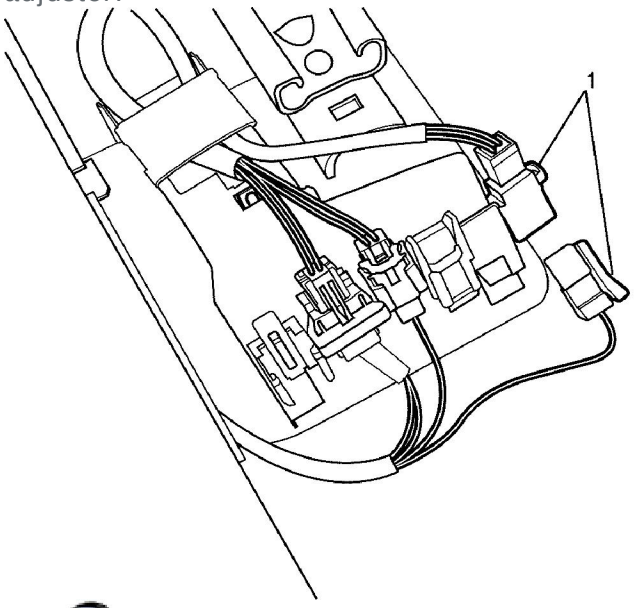
Caution: Refer to Fastener Caution in the Preface section.

3. Install the seat belt tensioner to seat adjuster retaining torx bolt (1) and tighten to **42 N·m (31 lb ft)**.



Note: Route the seat belt tensioner harness (as noted in the removal procedure) and attach to the seat cable tray (1).

4. Attach the seat belt tensioner harness to the seat cable tray (1), mounted to the seat adjuster.



5. Connect the seat belt tensioner electrical connector (1).
6. Install the front seat outer front track cover. Refer to Driver or Passenger Seat Outer Adjuster Front Finish Cover Replacement.
7. Install the front seat outer rear track cover. Refer to Driver or Passenger Seat Outer Adjuster Rear Finish Cover Replacement.
8. Install the seat belt tensioner trim cover. Refer to Front Seat Belt Front Trim Cover Replacement.
9. Enable the SIR system. Refer to SIR Disabling and Enabling.
10. If re-programming is required. Refer to Control Module References.

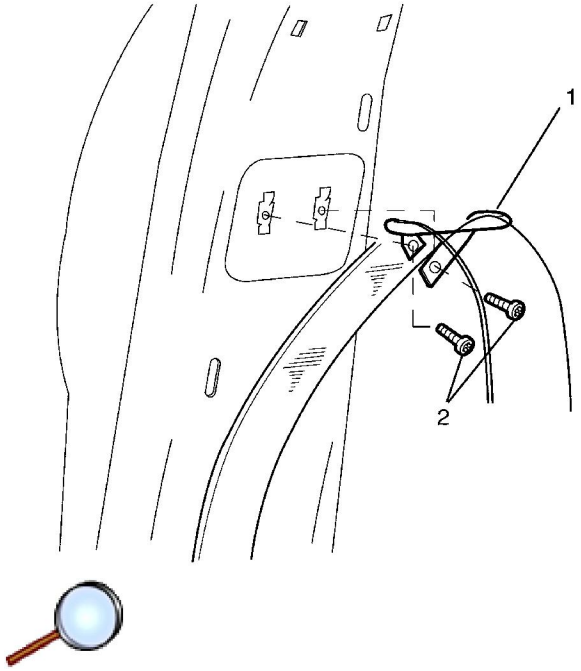
Front Seat Belt Replacement

Removal Procedure

Warning: Refer to SIR Warning in the Preface section.

Warning: Refer to SIR Inflator Module Handling and Storage Warning in the Preface section.

1. Disable the SIR system. Refer to SIR Disabling and Enabling.
2. Move the seat all the way forward towards the front of the vehicle, to gain access to the seat belt.
3. Remove the seat belt tensioner trim cover. Refer to Front Seat Belt Front Trim Cover Replacement.
4. Remove the front seat outer rear track cover. Refer to Driver or Passenger Seat Outer Adjuster Rear Finish Cover Replacement.
5. Remove the front seat outer front track cover. Refer to Driver or Passenger Seat Outer Adjuster Front Finish Cover Replacement.
6. Remove the rear seat cushion. Refer to Rear Seat Cushion Replacement.
7. Remove the front and rear door sill trim plates. Refer to Door Sill Plate Replacement.
8. Remove the lower centre pillar trim plate. Refer to Center Pillar Lower Trim Panel Replacement.
9. Remove the upper centre pillar trim panel. Refer to Center Pillar Upper Trim Panel Replacement.
10. Remove the front seat belt tensioner. Refer to Driver or Passenger Seat Belt Tensioner Replacement.



11. Remove the intermediate seat belt guide screws (2).
12. Remove the intermediate seat belt guide (1).

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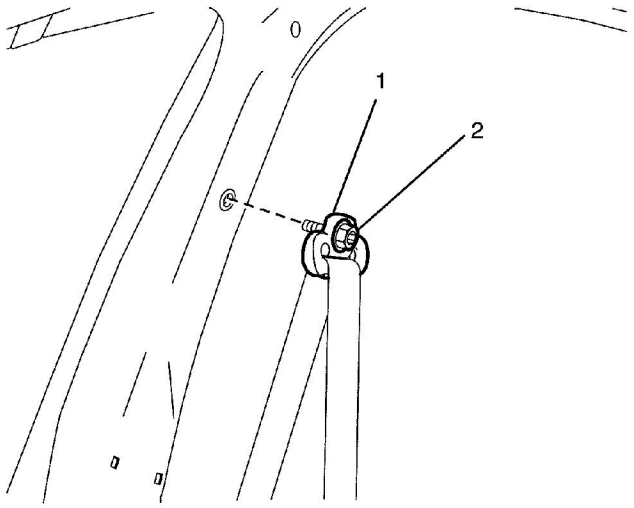
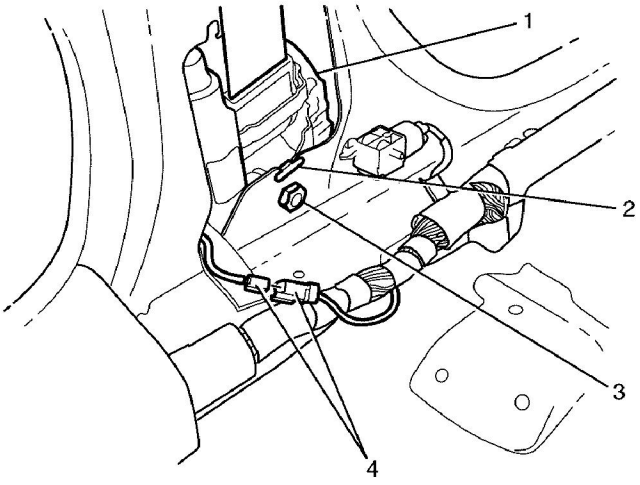
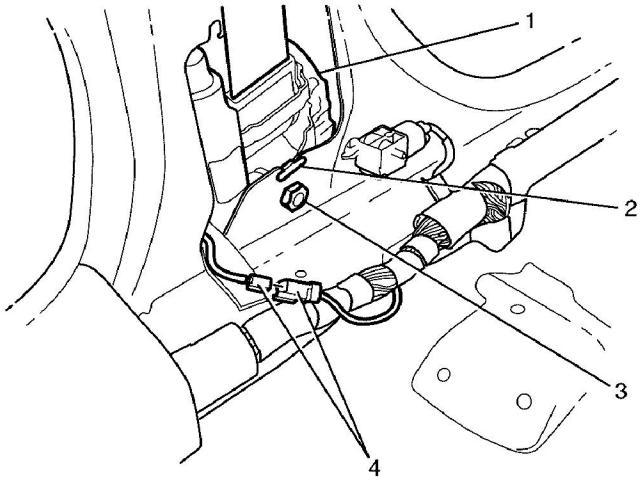


13. Remove the front seat belt upper guide bolt assembly (1).



14. Disconnect the seat belt retractor pretensioner electrical connector (4).
15. Remove the front seat belt retractor bolt (3).
16. Lift the retractor (1) in an upwards direction.
17. Tilt the retractor on a 30 degree angle making sure that the locking tab (2) is clear.
18. Remove the dust cover from the centre pillar (if required).

Installation Procedure



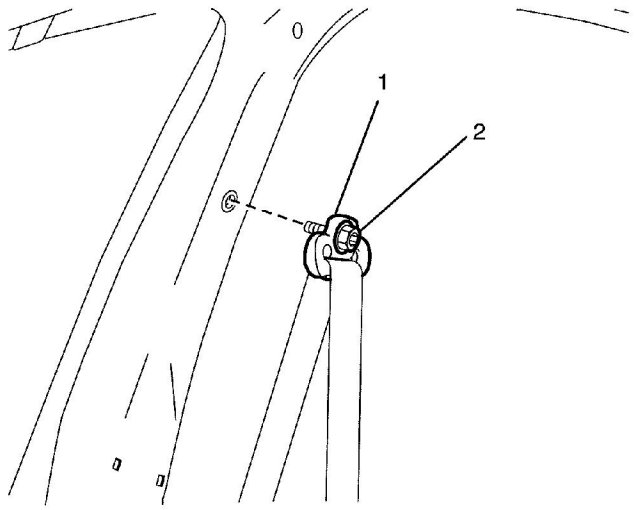
1. Install the front seat belt dust cover to the vehicle (if removed).

   Note: Make sure that the locking tab (2) is seated correctly.

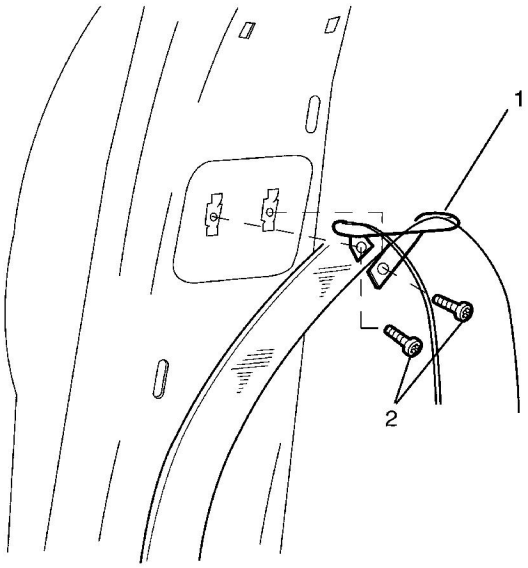
2. Install the front seat belt retractor (1) to the vehicle.

   Caution: Refer to Fastener Caution in the Preface section.

3. Install the retractor to pillar retaining bolt (4) and tighten to **43 N·m (32 lb ft)**.
4. Connect the seat belt retractor pretensioner electrical connector (4).



5. Install the front seat belt upper guide assembly (1) and tighten to **43 N·m (32 lb ft)**.

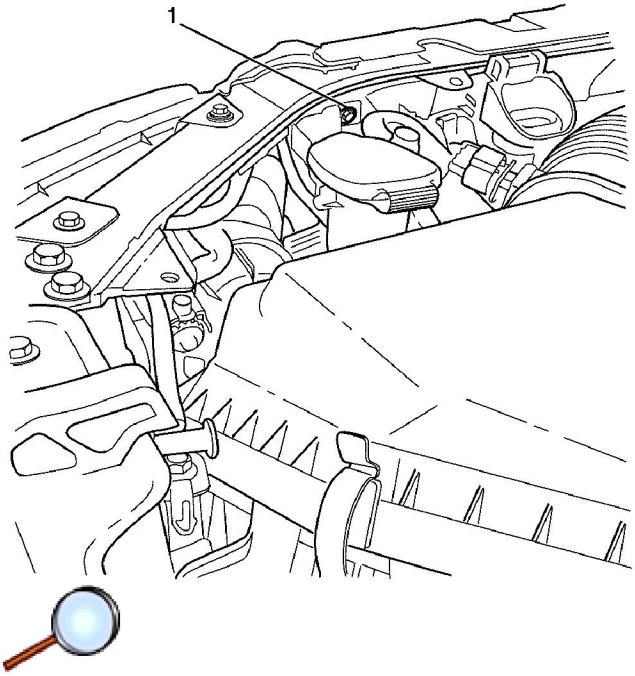


6. Install the intermediate seat belt guide (1) to the vehicle. Secure the guide with the screws (2) and tighten to **3 N·m (27 lb in)**.
7. Install the front seat belt tensioner. Refer to Driver or Passenger Seat Belt Tensioner Replacement.
8. Install the upper centre pillar trim panel. Refer to Center Pillar Upper Trim Panel Replacement.
9. Install the lower centre panel trim panel. Refer to Center Pillar Lower Trim Panel Replacement.
10. Install the front and rear door sill trim plates. Refer to Door Sill Plate Replacement.
11. Install the rear seat cushion. Refer to Rear Seat Cushion Replacement.
12. Install the front seat outer front track cover. Refer to Driver or Passenger Seat Outer Adjuster Front Finish Cover Replacement.
13. Install the front seat outer rear track cover. Refer to Driver or Passenger Seat Outer Adjuster Rear Finish Cover Replacement.
14. Install the front seat belt tensioner trim cover. Refer to Front Seat Belt Front Trim Cover Replacement.
15. Move the front seat back to original position.
16. Enable the SIR system. Refer to SIR Disabling and Enabling.
17. If re-programming is required. Refer to Control Module References.

Inflatable Restraint Front End Sensor Replacement

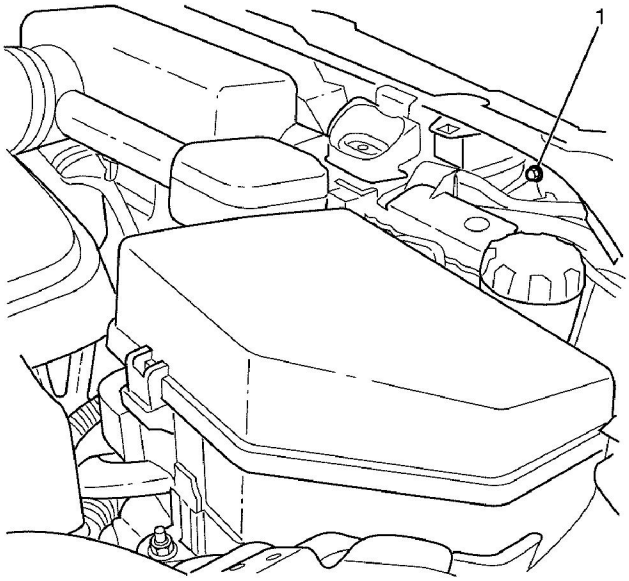
Removal Procedure

1. Disable the SIR. Refer to SIR Disabling and Enabling.
2. Remove the radiator air upper baffle and deflector (if fitted). Refer to Radiator Air Upper Baffle and Deflector Replacement



Note: The radiator top mounts can be taken off and the radiator lent back to aid in removal.

3. Remove the left front impact sensor to front end module retaining bolt (1).



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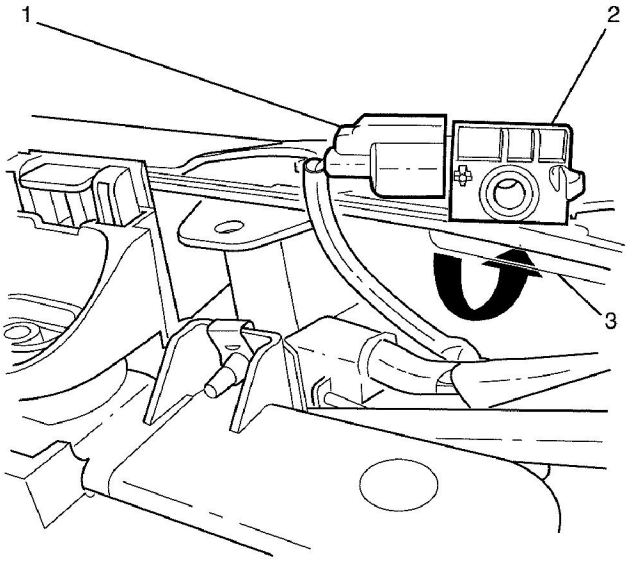
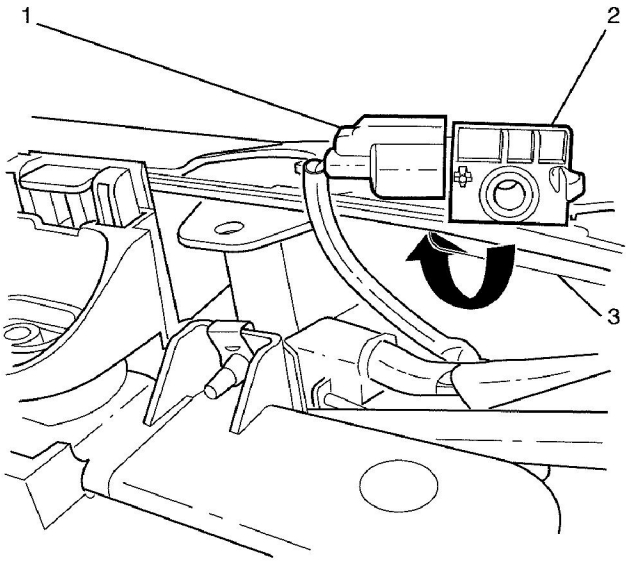
4. Remove the right front impact sensor to front end module retaining bolt (1).



5. Remove the front impact sensors (2) from the front end module (3).
6. Remove the front impact sensor electrical connections (1).

Installation Procedure

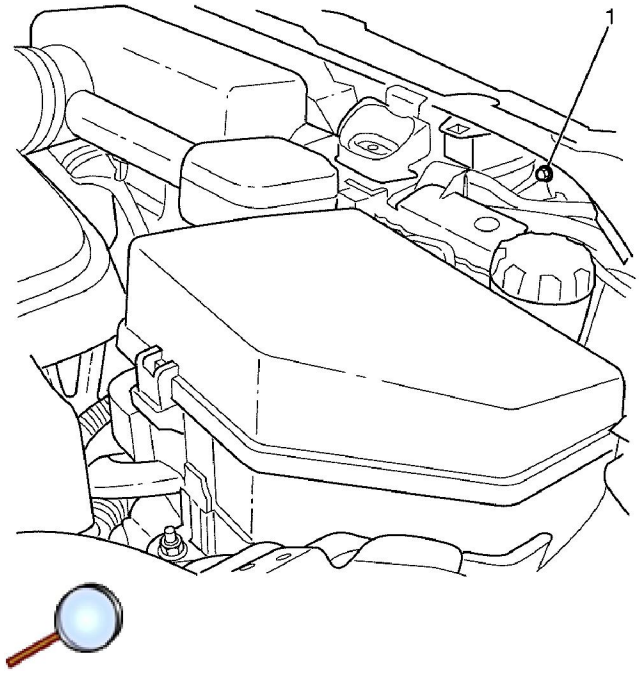


1. Install the front impact sensor electrical connections (1).

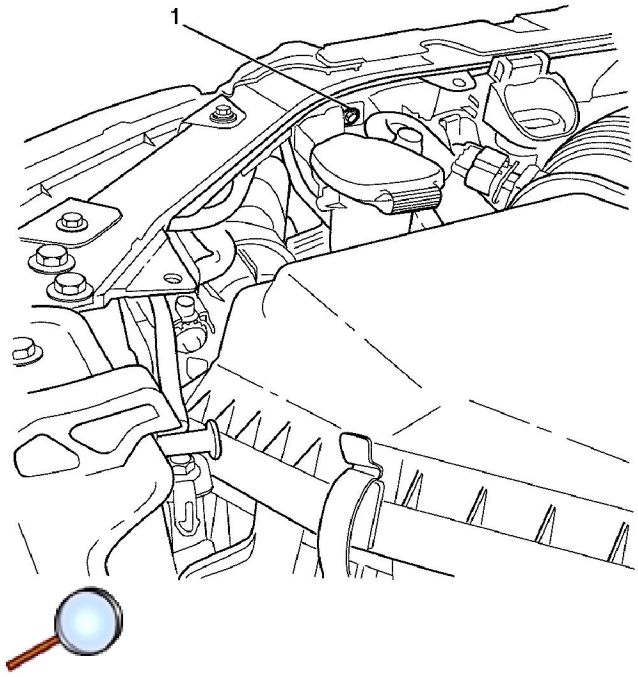
Note: Locating lugs will hold the NEW sensors in place.

2. Install the NEW front impact sensors (2) to the front end module (3).

Caution: Refer to Fastener Caution in the Preface section.



3. Install the right front impact sensor to front end module retaining bolt (1) and tighten to **9 N·m (80 lb in)**.



Note: The radiator top mounts can be taken off and the radiator lent back to aid in installation.

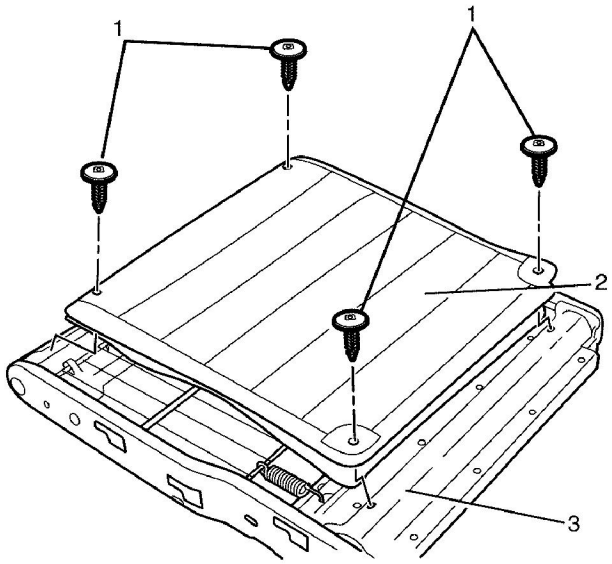
4. Install the left front impact sensor to front end module retaining bolt (1) and tighten to **9 N·m (80 lb in)**.

5. Install the radiator air upper baffle and deflector (if fitted). Refer to Radiator Air Upper Baffle and Deflector Replacement
6. Enable the SIR. Refer to SIR Disabling and Enabling.

Inflatable Restraint Passenger Presence System Replacement - Front

Removal Procedure

Warning: Refer to SIR Warning in the Preface section.



1. Disable the SIR system. Refer to SIR Disabling and Enabling.
2. Remove the front seat. Refer to Front Seat Replacement - Bucket.
3. Remove the lumbar support knob. Refer to Lumbar Support Knob Replacement.
4. Remove the seat cushion outer trim panel. Refer to Front Seat Cushion Replacement.
5. Remove the heated seat module. Refer to Front Seat Heater Control Module Replacement.
6. Remove seat back assembly. Refer to Front Seat Back Replacement.
7. Remove the seat adjuster. Refer to Front Seat Adjuster Replacement.
8. Remove the seat cushion cover. Refer to Front Seat Cushion Cover and Pad Replacement.
9. Remove the passenger presence module. Refer to Inflatable Restraint Passenger Seat Suppression Module Replacement.
10. Remove the retainers (1) holding the passenger presence pad (2) onto the seat frame (3).
11. Remove the passenger presence pad (2).

Installation Procedure

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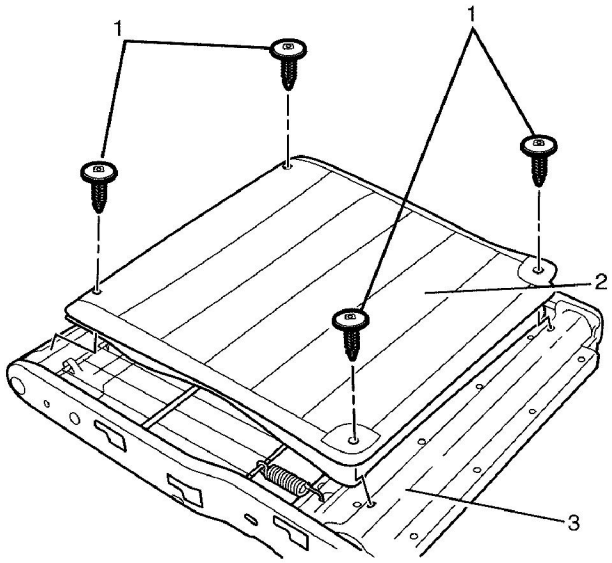


1. Install the passenger presence pad (2) onto the seat frame (3).
2. Install the retainers (1) securing the passenger presence pad (2) onto the seat frame (3)
3. Install the passenger presence module. Refer to Inflatable Restraint Passenger Seat Suppression Module Replacement.
4. Install the seat cushion cover. Refer to Front Seat Cushion Cover and Pad Replacement.
5. Install the seat adjuster. Refer to Front Seat Adjuster Replacement.
6. Install seat back assembly. Refer to Front Seat Back Replacement.
7. Install the heated seat module. Refer to Front Seat Heater Control Module Replacement.
8. Install the seat cushion outer trim panel. Refer to Front Seat Cushion Replacement.
9. Install the lumbar support knob. Refer to Lumbar Support Knob Replacement.
10. Install the front seat. Refer to Front Seat Replacement - Bucket.
11. Enable the SIR system. Refer to SIR Disabling and Enabling.
12. Re-zero the inflatable restraint passenger presence system whenever the seat cushion or any component of the passenger presence system is removed. Refer to Passenger Presence System Programming and Setup.

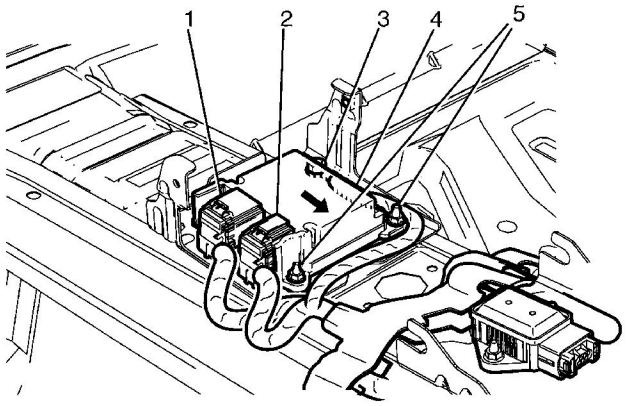
Inflatable Restraint Sensing and Diagnostic Module Replacement

Removal Procedure

Warning: Refer to SIR Warning in the Preface section.

Warning: Do not strike or jolt the inflatable restraint side impact sensor (SIS). Before applying power to the SIS make sure that it is securely fastened. Failure to observe the correct installation procedures could cause SIR deployment, personal injury, or unnecessary SIR system repairs.

1. Disable the SIR system. Refer to SIR Disabling and Enabling.
2. Remove the centre console. Refer to Front Floor Console Replacement.



Note: The sensing and diagnostic module (SDM) (4) is shown with the carpet removed for illustration purposes only. Removal of the front carpet or the front seats is not necessary to service the SDM (4).

3. Disconnect the SDM electrical connectors (1) and (2) from the SDM (4).
4. Remove the SDM to transmission tunnel retaining nuts (5).
5. Disconnect the SDM earth strap bolt (3).
6. Remove the SDM (4).

Installation Procedure

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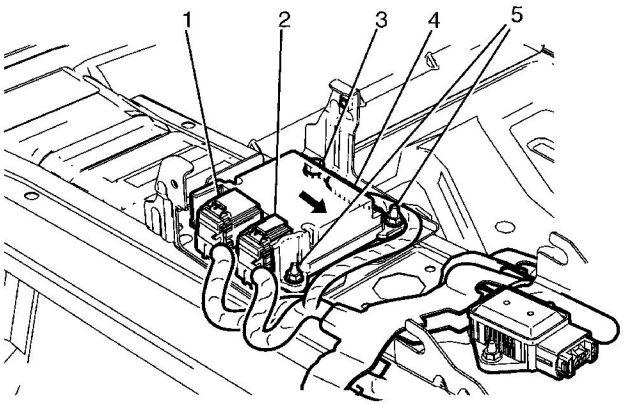


1. Install the SDM (4) horizontally to the transmission tunnel, making sure the arrow on the SDM toward the front of the vehicle.
2. Connect the SDM earth strap bolt (3).

Caution: Refer to Fastener Caution in the Preface section.

3. Install the SDM to transmission tunnel retaining nuts (5) and tighten to **10 N·m (89 lb in)**.
4. Connect the SDM electrical connectors (1) and (2) from the SDM (4).
5. Install the centre console. Refer to Front Floor Console Replacement.
6. Return the driver and the passenger seats to the original position.
7. Enable the SIR system. Refer to SIR Disabling and Enabling.

Note: After programming the SDM, the SDM is then locked to the vehicle and it will not be possible to swap between other vehicles.

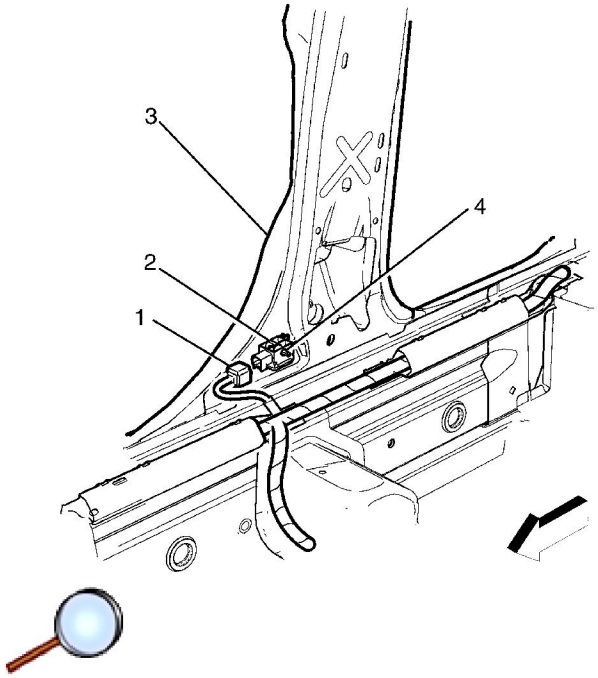
8. Refer to Inflatable Restraint Sensing and Diagnostic Module Programming and Setup.
9. Program the new SDM primary key into the BCM.

Note: The AIR BAG indicator may remain ON after the SDM has been replaced. If the indicator remains ON after enabling the SIR system, perform the diagnostic system check and follow the steps thoroughly to ensure that the SDM is set properly.

Inflatable Restraint Side Impact Sensor Replacement

Removal Procedure

1. Disable the SIR. Refer to SIR Disabling and Enabling.
2. Remove the lower centre pillar trim panel. Refer to Center Pillar Lower Trim Panel Replacement.
3. Remove the door sill plate. Refer to Door Sill Plate Replacement.



4. Disconnect the side impact sensor electrical connector (1) from the side impact sensor (2).
5. Remove the side impact sensor (2) securing bolt (4)
6. Remove the side impact sensor (2) from the centre pillar (3).

Installation Procedure

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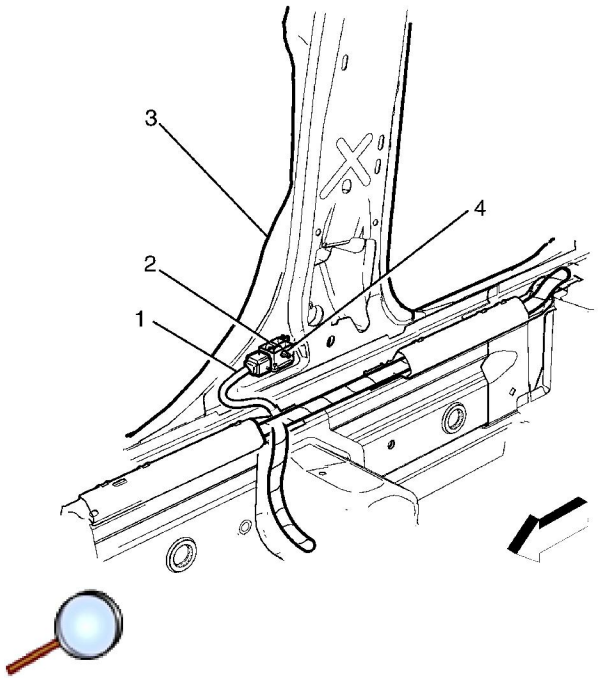


1. Install the side impact sensor (2) to the centre pillar (3).

   Caution: Refer to Fastener Caution in the Preface section.

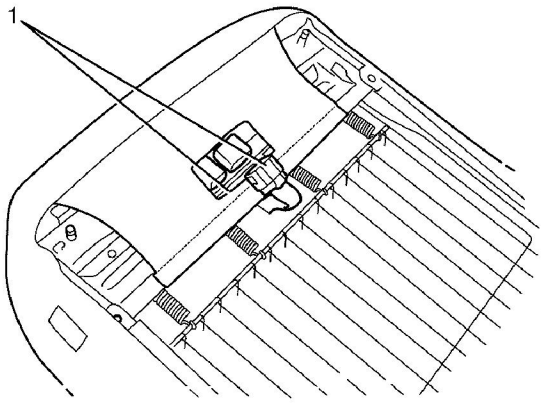
2. Install the side impact sensor (2) securing bolt (4) and tighten to **9 N·m (80 lb in)**
3. Connect the side impact sensor electrical connector to the side impact sensor (1).
4. Install the door sill plate. Refer to Door Sill Plate Replacement.
5. Install the lower centre pillar trim panel. Refer to Center Pillar Lower Trim Panel Replacement.
6. Enable the SDM, refer to SIR Disabling and Enabling.
7. Ignition ON, observe the air bag warning indicator in the instrument panel cluster. The warning indicator should be illuminated for approximately five seconds. During this period the SDM performs a wiring and self-check. If no system faults are detected, the air bag warning indicator will be switched off.

   Note: If the warning indicator remains illuminated, a warning is shown in the instrument panel cluster multi-function display and an audible alarm chimes, or the warning indicator illuminates two seconds after it was originally switched off, a fault is present.

Inflatable Restraint Passenger Seat Suppression Module Replacement

Removal Procedure

Warning: Refer to SIR Warning in the Preface section.



1. Disable the SIR system. Refer to SIR Disabling and Enabling.
2. Remove the front seat. Refer to Front Seat Replacement - Bucket.
3. Remove the front seat heater module. Refer to Front Seat Heater Control Module Replacement.
4. Remove the front seat back adjuster. Refer to Front Seat Recliner Knob Replacement.
5. Remove the front seat belt tensioner.
6. Remove the seat outer trim cover. Refer to Seat Cushion Outer Trim Panel Replacement.
7. Remove seat back assembly. Refer to Front Seat Back Replacement.
8. Remove the seat adjuster. Refer to Front Seat Adjuster Replacement.
9. Remove the seat cushion cover. Refer to Front Seat Cushion Cover and Pad Replacement.
10. Disconnect the passenger presence electrical connector (1).

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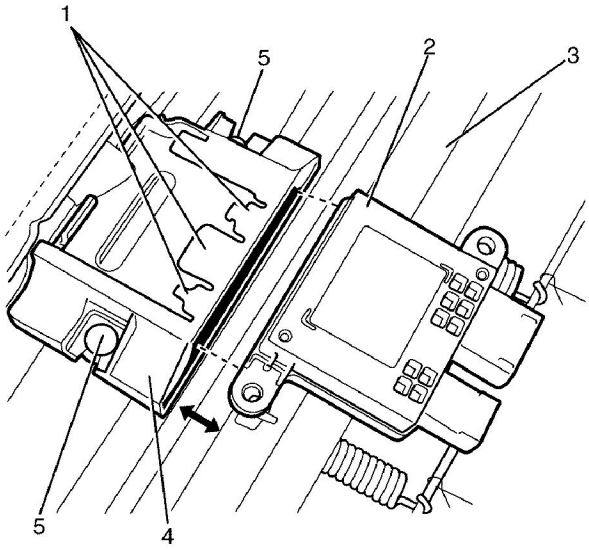
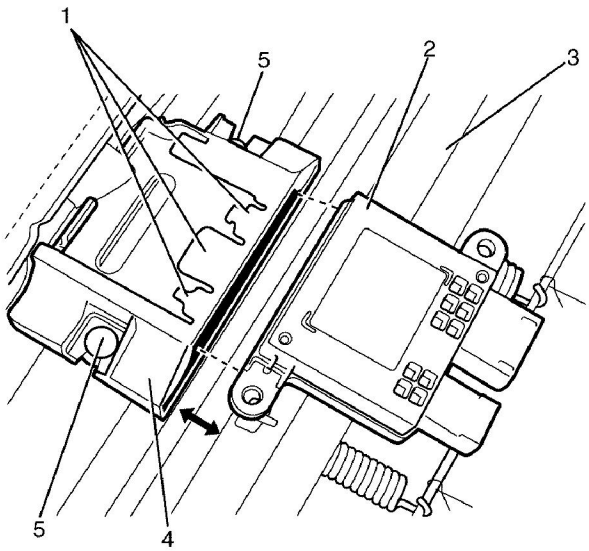


Note: The seat frame bracket retainers (5) are once-only items and must be discarded after removal.

11. Slightly lifting the retention tabs (1), move the passenger presence control module (2) outwards from the seat frame bracket (3).
12. Using suitable force, remove the seat frame bracket (3) from the seat frame (4) discarding the seat frame bracket retainers (5).

Installation Procedure

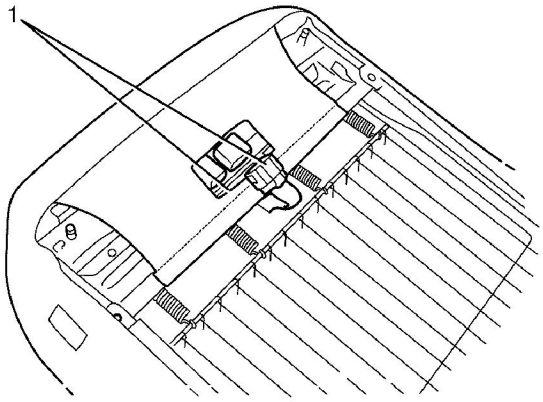


Note: The seat frame bracket retainers (5) are single use items and must be discarded after removal.

Note: The retention tabs (1) must audibly engage to provide secure location of the passenger presence control module (2) into the seat frame bracket (3).

1. Install the seat frame bracket (3) onto the seat frame (4) using NEW seat frame bracket retainers (5).
2. Install the passenger presence control module (2) into the seat frame bracket (3), engaging the retention tabs (1).

Warning: Refer to SIR Warning in the Preface section.



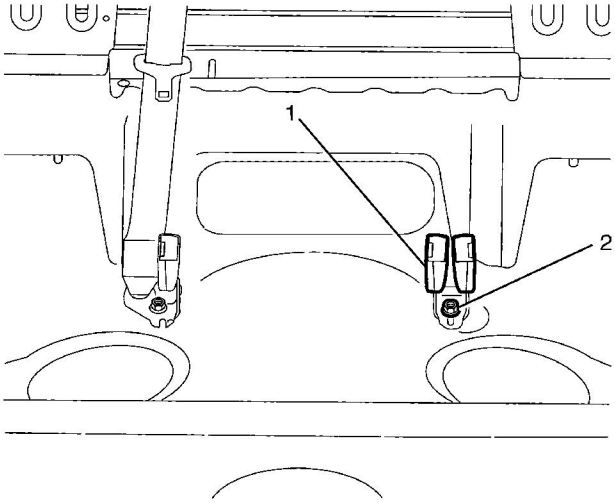
3. Connect the passenger presence electrical connector (1).
4. Install the seat cushion cover. Refer to Front Seat Cushion Cover and Pad Replacement.
5. Install the seat adjuster. Refer to Front Seat Adjuster Replacement.
6. Install seat back assembly. Refer to Front Seat Back Replacement.
7. Install the seat outer trim cover. Refer to Seat Cushion Outer Trim Panel Replacement.
8. Install the front seat belt tensioner.
9. Install the front seat back adjuster. Refer to Front Seat Recliner Knob Replacement.
10. Install the front seat heater module. Refer to Front Seat Heater Control Module Replacement.
11. Install the front seat. Refer to Front Seat Replacement - Bucket.
12. Enable the SIR system. Refer to SIR Disabling and Enabling.
13. Re-zero the inflatable restraint passenger presence system whenever the seat cushion or any component of the passenger presence system is removed. Refer to Passenger Presence System Programming and Setup.

Rear Seat Belt Buckle Replacement

Removal Procedure

Warning: Refer to SIR Warning in the Preface section.

1. Remove the rear seat cushion. Refer to Rear Seat Cushion Replacement.



2. Remove the rear seat belt twin buckle to body retaining nut (2).
3. Remove the rear seat belt twin buckle (1) from the floor pan.

Installation Procedure

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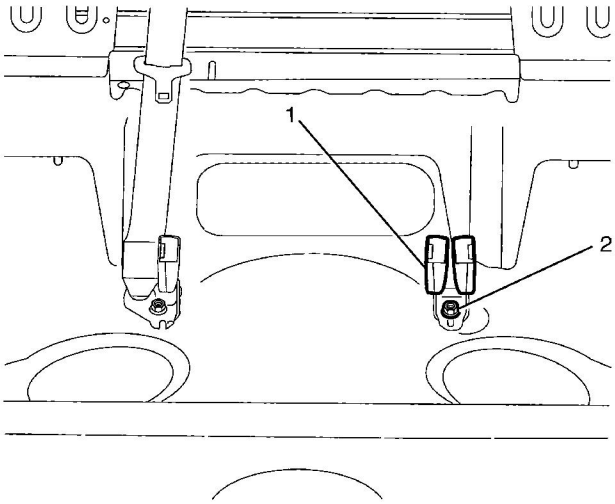


Note: Make sure buckle is parallel to vehicle centerline.

1. Install the rear seat belt twin buckles (1) to the floor pan.

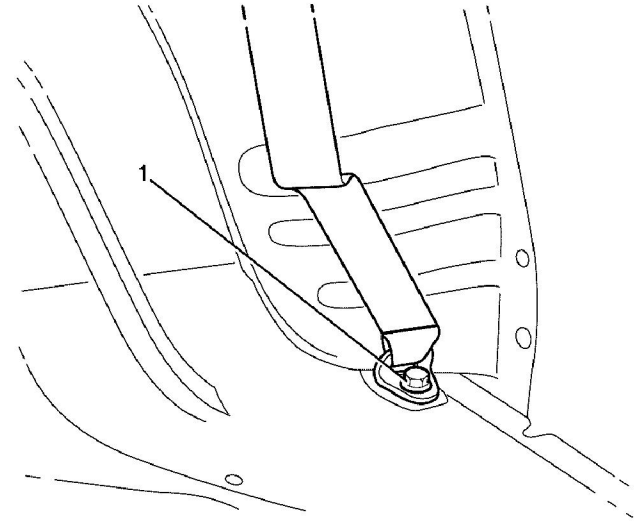
   Caution: Refer to Fastener Caution in the Preface section.

2. Install the rear seat belt twin buckle to body retaining nut (2) and tighten to **43 N·m (31 lb ft)**.
3. Install the rear seat cushion. Refer to Rear Seat Cushion Replacement.

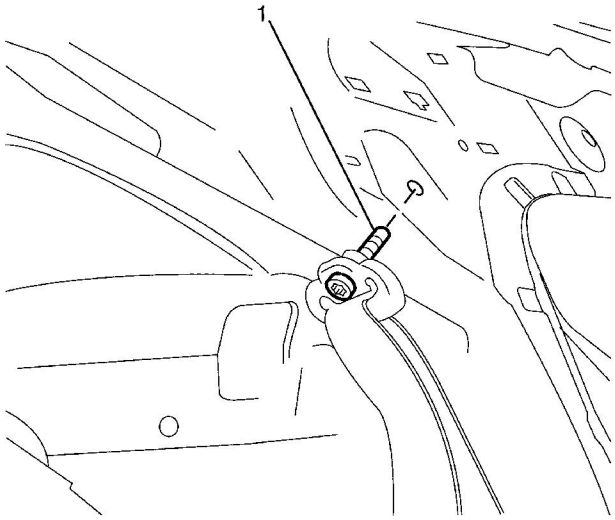
Rear Seat Belt Replacement

Removal Procedure

1. Remove the rear seat cushion. Refer to Rear Seat Cushion Replacement.
2. Remove the rear seat back. Refer to Rear Seat Back Replacement.
3. Remove the upper rear quarter trim panel. Refer to Quarter Upper Trim Panel Replacement.



4. Remove the rear seat belt lower anchor to body retaining bolt (1).



5. Remove the rear seat belt guide assembly to body retaining bolt (1).

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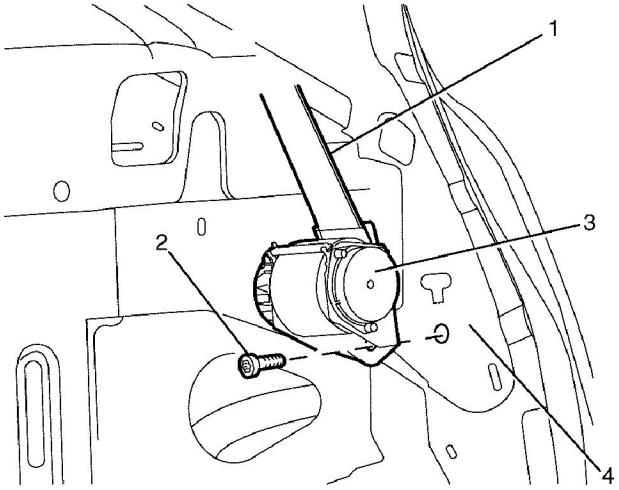
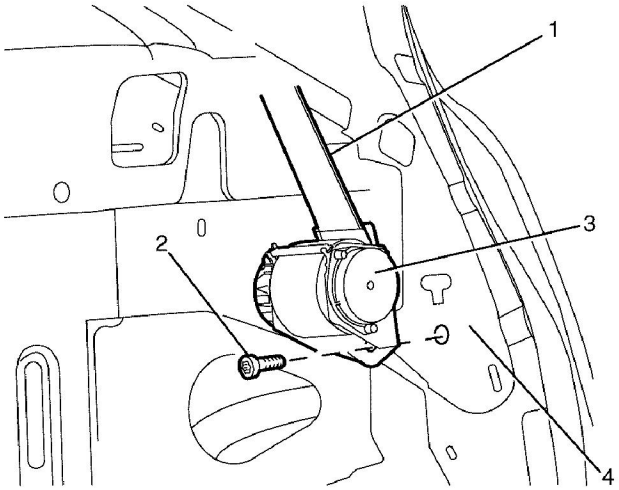


Note: Lift and tilt the seat belt retractor (3) approximately 30 degrees to detach the seat belt retractor from the body slot (4).

6. Remove the rear seat belt retractor to body retaining bolt (2).
7. Remove the rear seat belt assembly (1) from the vehicle.

Installation Procedure



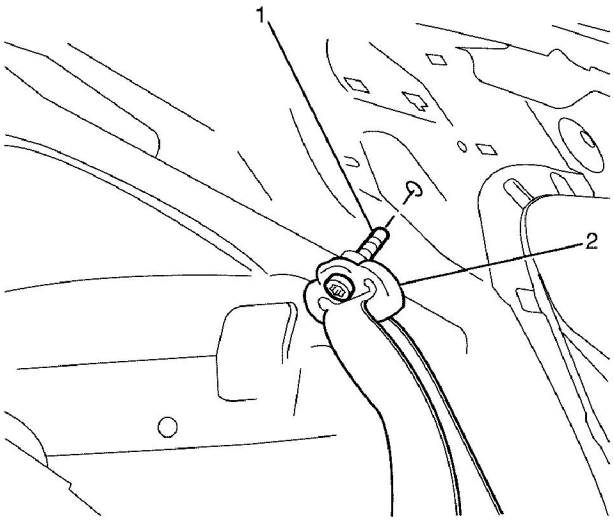
Note: Lower the seat belt retractor (3) at an angle of approximately 30 degrees to attach the

seat belt retractor onto the body slot (4).

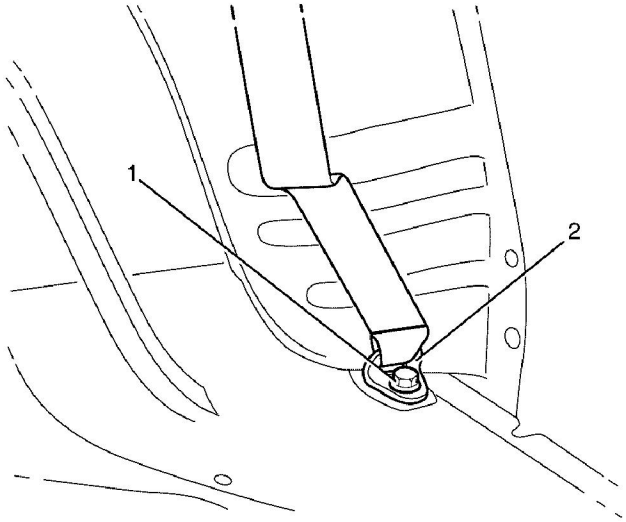
1. Install the rear seat belt assembly (1).

Caution: Refer to Fastener Caution in the Preface section.

2. Install the rear seat belt retractor to body retaining bolt (2) and tighten to **43 N·m (31 lb ft)**.



3. Install the rear seat belt guide assembly (2).
4. Install the seat belt guide assembly to body retaining bolt (1) and tighten to **43 N·m (32 lb ft)**.



5. Install the rear seat belt lower anchor (2).
6. Install the rear seat belt lower anchor to body retaining bolt (1) and tighten to **43 N·m**

(31 lb ft).

7. Install the upper rear quarter trim panel. Refer to Quarter Upper Trim Panel Replacement.
8. Install the rear seat back. Refer to Rear Seat Back Replacement.
9. Install the rear seat cushion. Refer to Rear Seat Cushion Replacement.

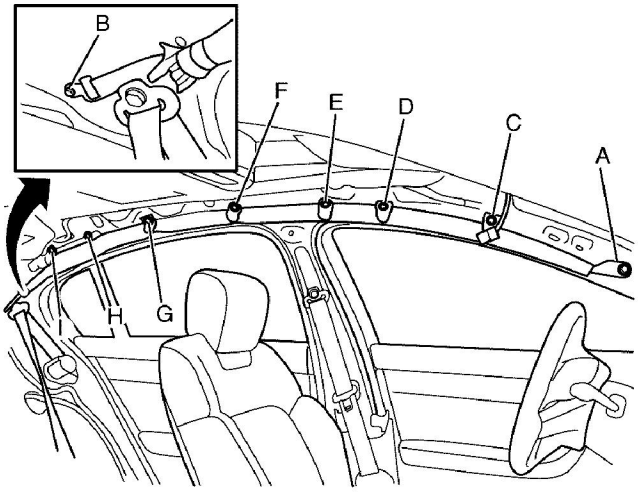
Roof Side Rail Inflatable Restraint Module Replacement

Removal Procedure

Warning: Refer to SIR Warning in the Preface section.

Warning: Refer to SIR Inflator Module Handling and Storage Warning in the Preface section.

1. Disable the SIR system. Refer to SIR Disabling and Enabling.
2. Remove the windshield garnish mouldings. Refer to Windshield Garnish Molding Replacement.
3. Remove the sunshades from the headliner assembly. Refer to Assist Handle Replacement.
4. Remove the passenger assist handle bolts from the headliner. Refer to Sunshade Replacement.
5. Remove the lower centre pillar trim panel. Refer to Center Pillar Lower Trim Panel Replacement.
6. Remove the upper centre pillar trim panel. Refer to Center Pillar Upper Trim Panel Replacement.
7. Remove the rear upper quarter pillar trim panel. Refer to Quarter Upper Trim Panel Replacement.
8. Remove the headliner assembly from the vehicle. Refer to Headlining Trim Panel Replacement.



Note: Removal of the inflatable restraint roof rail module to body retaining bolts (A-I) should be performed in sequence.

9. Remove the inflatable restraint roof rail module to body retaining bolts (A to I) in the sequence of A through to I.

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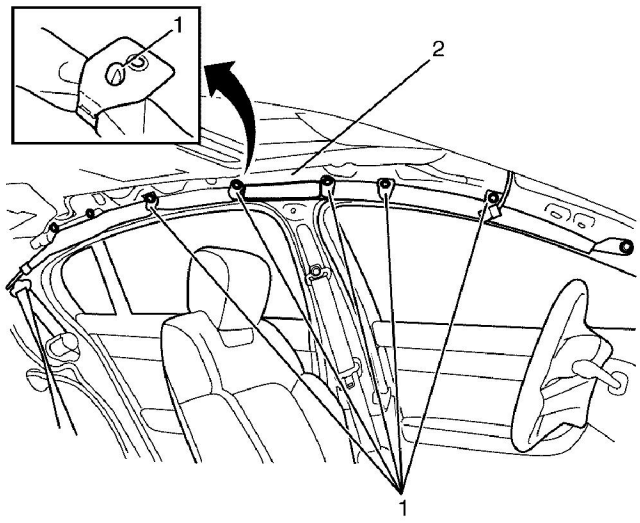
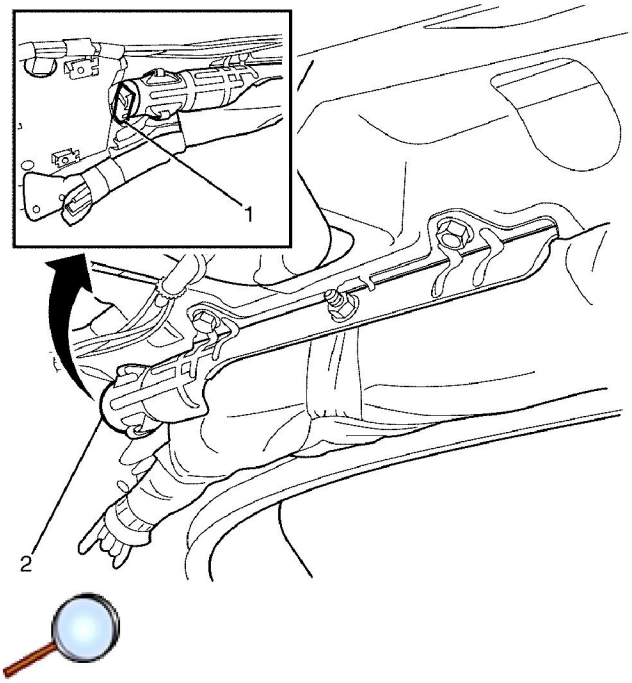
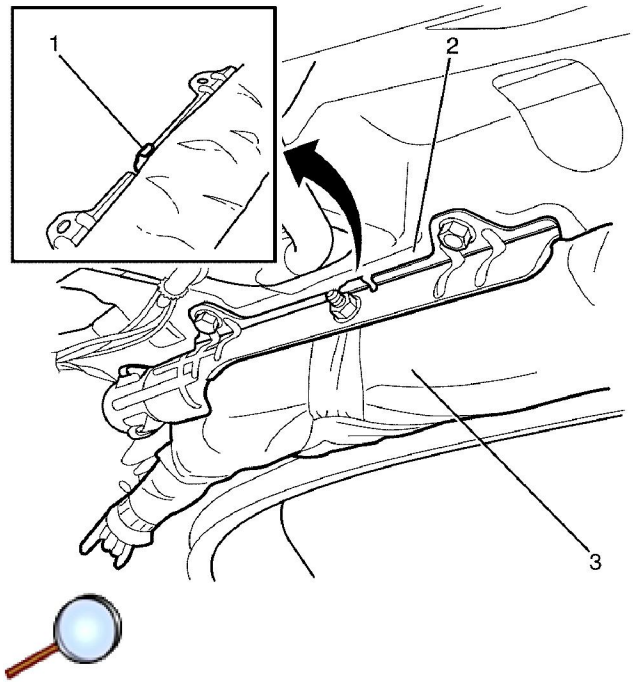


10. Detach the inflatable restraint roof rail module to body retaining clips (1) from the body (2).



11. Disconnect the electrical connector (1) from the inflatable restraint roof rail module (2).

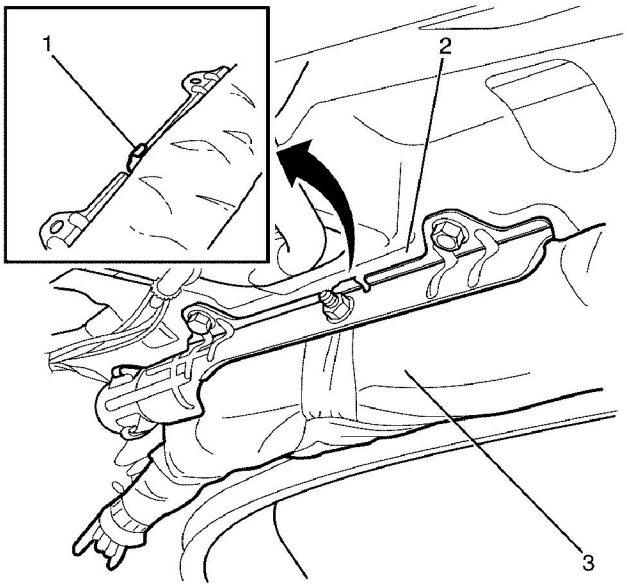


Note: The inflatable restraint roof rail module flute channel must not be twisted during removal or installation procedures

12. Disengage the inflatable restraint roof rail module supporting hook (1) from the body (2).
13. With the aid of an assistant remove the inflatable restraint roof rail module (3) from the vehicle.

For deployment procedure. Refer to Inflator Module Handling and Scrapping.

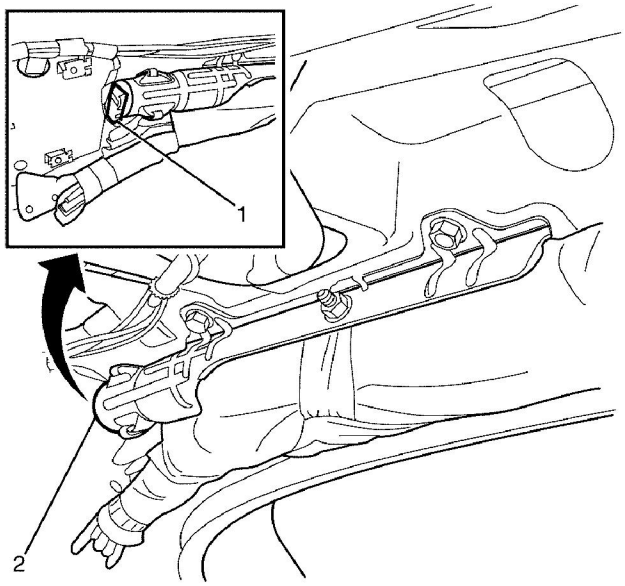
Installation Procedure



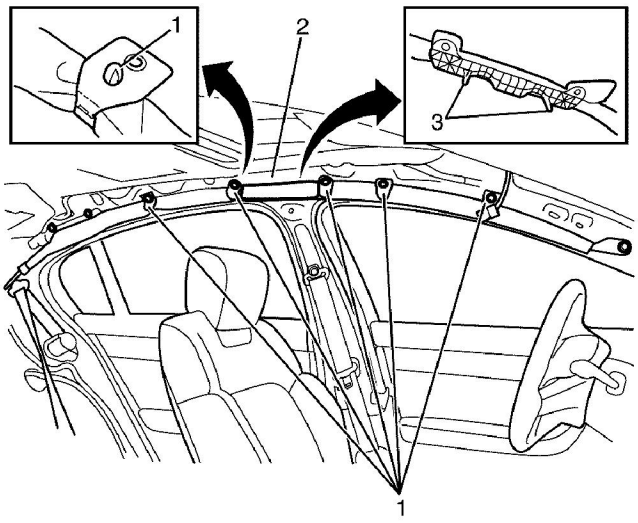
Warning: In order to prevent accidental deployment of the air bag which could cause personal injury, do not dispose of an undeployed inflator module as normal shop waste. The undeployed inflator module contains substances that could cause severe illness or personal injury if the sealed container is damaged during disposal. Use the following deployment procedures to safely dispose of an undeployed inflator module. Failure to dispose of an inflator module as instructed may be a violation of federal, state, province, or local laws.

Note: Before installation, make sure that the mounting surfaces of the inflatable restraint roof rail module are clean and free from grease, solvents paint and other foreign matter.

1. With the aid of an assistant, install the inflatable restraint roof rail module (3) to the vehicle.
2. Attach the supporting hook (1) to the body (2)
3. Attach the inflatable restraint roof rail module to body.
4. Make sure that the retaining clips (1) engages correctly to the body (2).

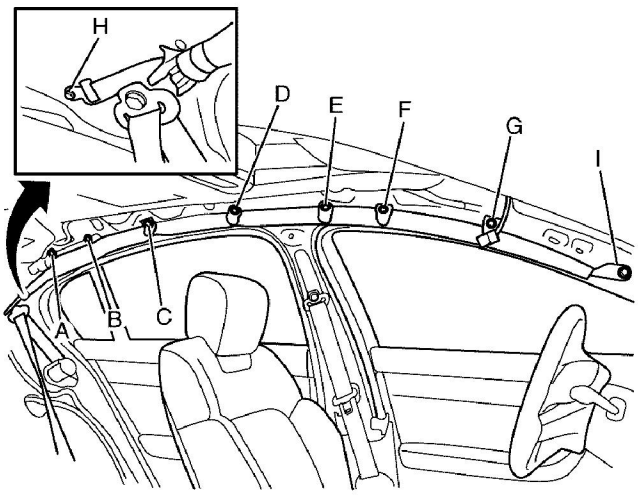


5. Connect the electrical connector (1) to the inflatable restraint roof rail module (2).



6. Align the locating pins (3) to the body (2).

Caution: Refer to Fastener Caution in the Preface section.



Note: Installation of the inflatable restraint roof rail module to body retaining bolts (A-I) should be performed in sequence.

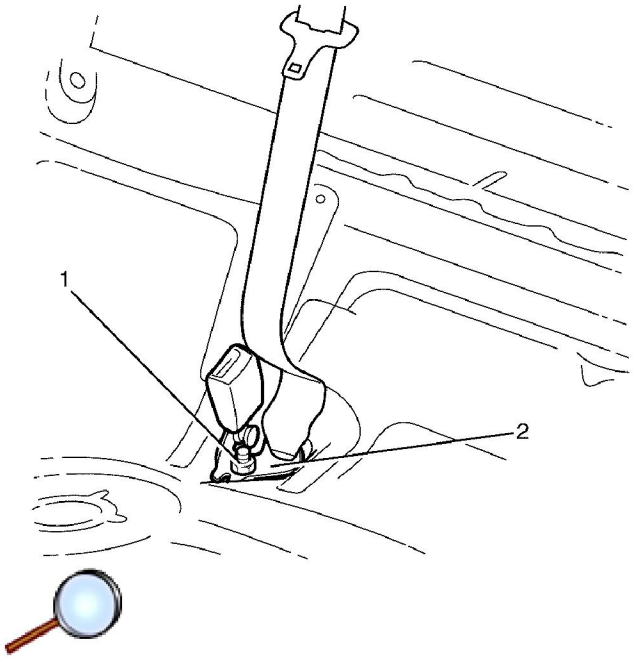
7. Install the inflatable restraint roof rail module to body retaining bolts (A to I) in the sequence of A through to I and tighten to **7 N·m (62 lb in)**
8. Install the headliner assembly to the vehicle. Refer to Headlining Trim Panel Replacement.
9. Install the rear upper quarter pillar trim panel. Refer to Quarter Upper Trim Panel

Replacement.
10. Install the upper centre pillar trim panel. Refer to Center Pillar Upper Trim Panel Replacement.
11. Install the lower centre pillar trim panel. Refer to Center Pillar Lower Trim Panel Replacement.
12. Install the passenger assist handle bolts to the headliner. Refer to Assist Handle Replacement.
13. Install the sunshades to the headliner assembly. Refer to Sunshade Replacement.
14. Install the windshield garnish mouldings. Refer to Windshield Garnish Molding Replacement.
15. Enable the SIR system. Refer to SIR Disabling and Enabling.

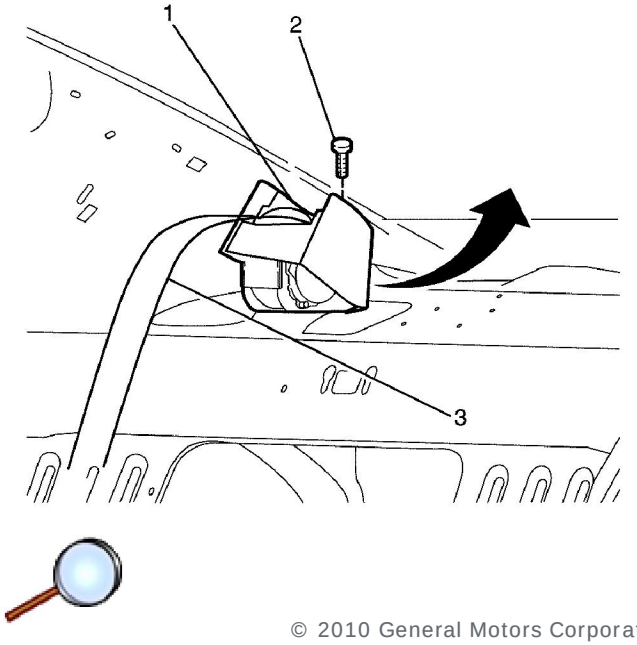
Seat Belt Replacement - Center Rear

Removal Procedure

1. Remove the rear seat cushion. Refer to Rear Seat Cushion Replacement.
2. Remove the rear seat back. Refer to Rear Seat Back Replacement.
3. Remove the rear window shelf trim panel. Refer to Rear Window Shelf Trim Panel Replacement.



4. Remove the rear seat centre seat belt anchor to body retaining nut (1).
5. Remove the rear seat centre seat belt anchor (2).



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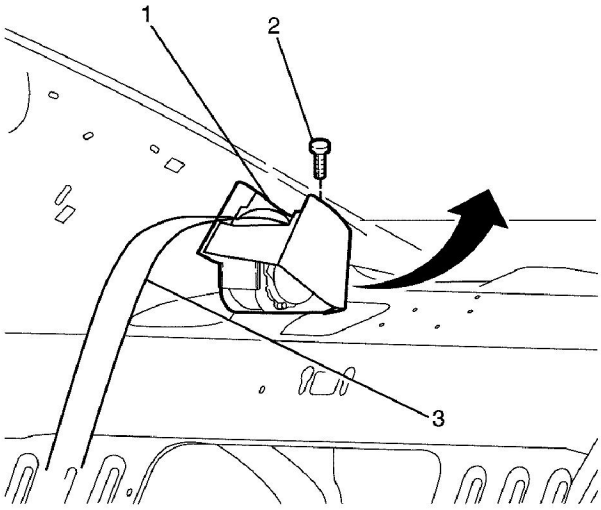
6. Detach the rear seat centre seat belt noise damper pad (1).
7. Remove the rear seat centre seat belt retractor to body retaining bolt (2).
8. Remove the rear seat centre seat belt assembly (3) from the vehicle.

Installation Procedure



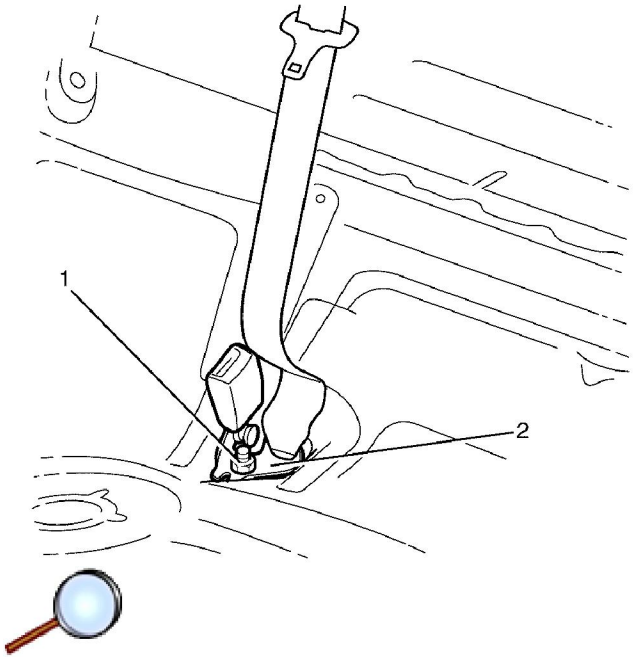
Note:

Make sure that the retractor is parallel to the vehicle centre line.

1. Install the rear seat centre seat belt assembly (3).

   Caution: Refer to Fastener Caution in the Preface section.

2. Install the rear seat centre seat belt retractor to body retaining bolt (2) and tighten to **43 N·m (32 lb ft)**.
3. Install the rear seat centre seat belt noise damper pad (1).



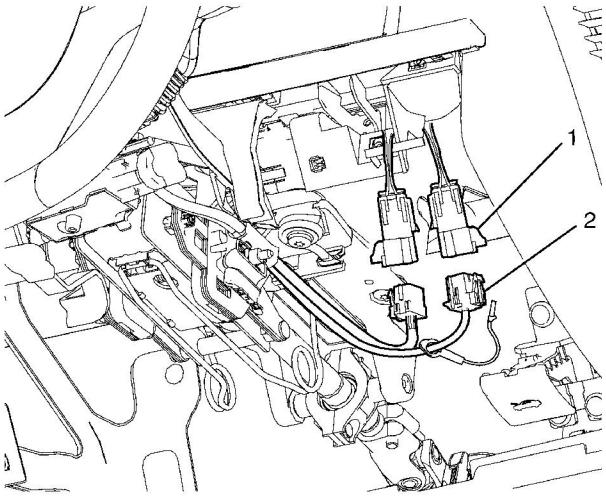
Note: Make sure that the centre belt anchor is parallel to vehicle centre line.

4. Install the rear seat centre seat belt anchor (2).
5. Install the rear seat centre seat belt to body anchor retaining nut (1) and tighten to **43 N·m (32 lb ft)**.
6. Install the rear window shelf trim panel. Refer to Rear Window Shelf Trim Panel Replacement.
7. Install the rear seat back. Refer to Rear Seat Back Replacement.
8. Install the rear seat cushion. Refer to Rear Seat Cushion Replacement.

Steering Wheel Inflatable Restraint Module Coil Replacement

Removal Procedure

1. Disable the SIR. Refer to SIR Disabling and Enabling.
2. Remove Inflatable Restraint Steering Wheel Module. Refer to Inflatable Restraint Steering Wheel Module Replacement.
3. Remove the steering column covers. Refer to Steering Column Trim Covers Replacement.
4. Remove the steering wheel. Refer to Steering Wheel Replacement.
5. Remove the headlamp/turn signal switch from the SIR coil module assembly. Refer to Turn Signal Switch Replacement.
6. Remove the wiper washer switch from the SIR coil module assembly. Refer to Windshield Wiper and Washer Switch Replacement.



7. Disconnect the connectors (1) from (2)
8. Place some tape around the steering wheel module coil before removing from steering column.

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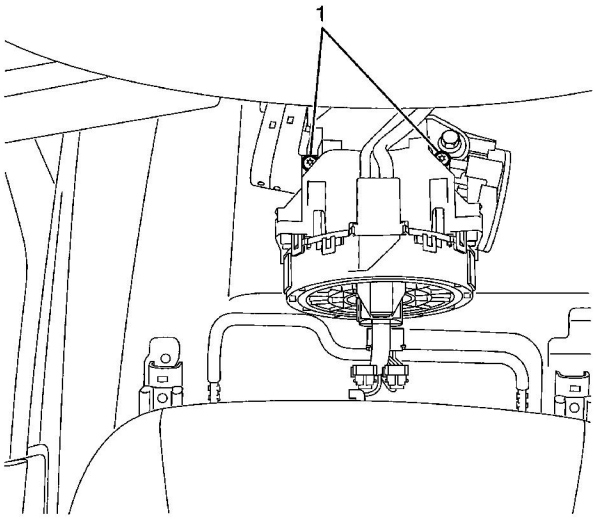


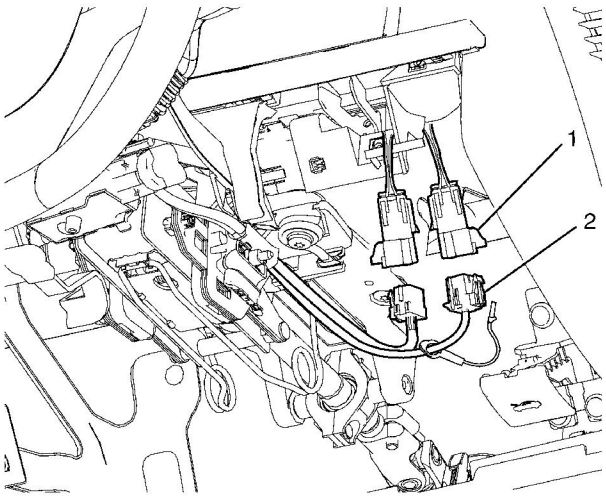
9. Remove the SIR coil assembly to steering wheel retaining screws (1).
10. Remove the SIR coil assembly.

Installation Procedure

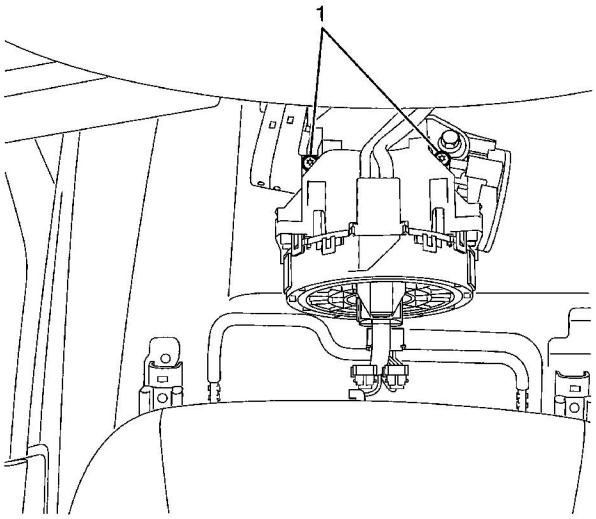
Caution: The new SIR coil assembly will be centered. Improper alignment of the SIR coil assembly may damage the unit, causing an inflatable restraint malfunction.

Note: If the existing SIR coil assembly is to be reinstalled, the SIR coil assembly must be centred.

1. Install the SIR coil assembly.



2. Connect the SIR coil assembly connector (1).

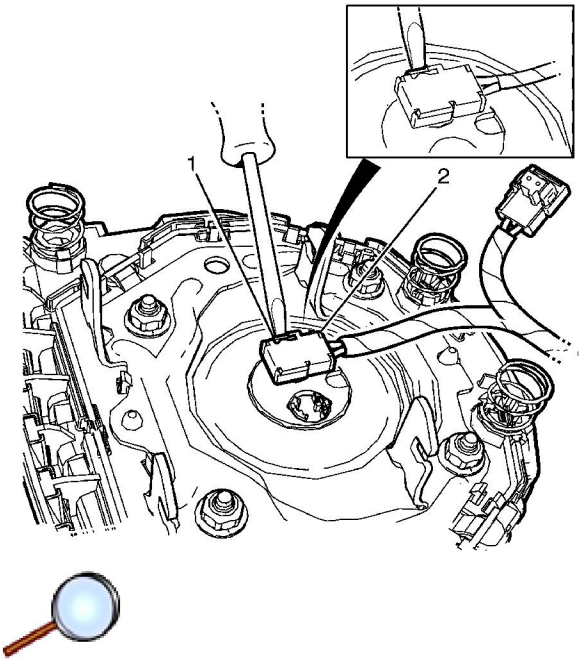


3. Install the SIR coil assembly to steering column retaining screws (1).
4. Install the wipers/washer switch. Refer to Windshield Wiper and Washer Switch Replacement.
5. Install the headlamp/turn signal switch from the SIR coil module assembly. Refer to Turn Signal Switch Replacement.
6. Install steering column trim covers. Refer to Steering Column Trim Covers Replacement.
7. Install the steering wheel. Refer to Steering Wheel Replacement.
8. Install the inflatable restraint steering wheel module to the steering wheel. Refer to Inflatable Restraint Steering Wheel Module Replacement.
9. Enable the SIR system. Refer to SIR Disabling and Enabling.
10. Calibrate the steering angle sensor. Refer to Steering Angle Sensor Centering.

Steering Wheel Inflatable Restraint Module Replacement

Removal Procedure

1. Disable the SDM, refer to SIR Disabling and Enabling .
2. Rotate the steering wheel 90 degrees from the straight-ahead position to expose the access aperture hole in the rear of the steering wheel hub.
3. Using tool no. EL-48508 , insert into the aperture and pivot towards the instrument panel moving the tool in an outward direction. This will relieve the tension on the spring-loaded retaining clips. The inflatable restraint assembly will move slightly away from the steering wheel. Rotate the steering wheel 180 degrees to expose the remaining access aperture hole. Repeat for other side.
4. Carefully lift the steering wheel inflatable restraint assembly away from the steering wheel and disconnect the wiring harness connectors (Orange and Blue) from the rear assembly.



5. Using a suitable tool, press in on the locking tab (1) while lifting the connector (2) away from the module.
6. Remove the black earth connector from the bottom of the steering wheel inflatable restraint assembly.
7. Refer to Inflator Module Handling and Scrapping .

Installation Procedure

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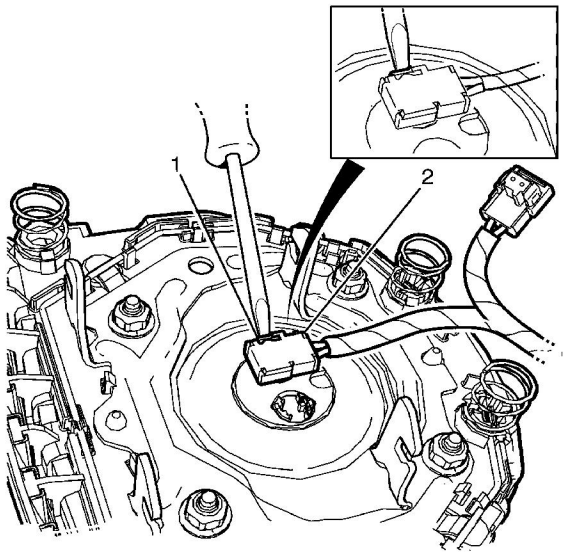

1. Connect the wiring harness connectors (2) to the corresponding colours on the inflatable restraint steering wheel module.
2. Connect the black earth connector on the bottom of the steering wheel inflatable restraint assembly.
3. Align the steering wheel module firmly into the steering wheel assembly applying even pressure to the module until you hear a click.
4. Enable the SIR system. Refer to SIR Disabling and Enabling .
5. After replacing the module, deploy the old module before disposal. If the module replaced under warranty, fully deploy and dispose of the module after the required retention period. Refer to Inflator Module Handling and Scrapping .
6. If re-programming is required. Refer to Control Module References .